



MICROSOFT TRAINING

Installation And Configuration In Microsoft Dynamics 365 Business Central On Premises Training Certification Course

Master the installation and configuration of Microsoft Dynamics 365 Business Central On-Premises for robust business solutions.

DURATION

8 Hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This advanced certification course on Installation and Configuration in Microsoft Dynamics 365 Business Central On-Premises provides IT professionals and system administrators with the essential skills to deploy, manage, and optimize Business Central environments within their organization's infrastructure. Participants will delve deep into the intricacies of setting up core components, including SQL Server, Business Central server instances, and web clients, ensuring a robust and secure on-premises ERP solution. The curriculum emphasizes practical, hands-on experience with core technologies such as Windows Server, SQL Server database management, and PowerShell scripting for automation. Upon completion, trainees will be proficient in configuring Business Central databases, managing user permissions, integrating with other Microsoft services, and troubleshooting common deployment challenges. This expertise is crucial for businesses that require heightened control over their data, specialized integrations, or operate in environments with strict regulatory compliance. Mastering these skills not only enhances operational efficiency for your organization but also positions you as a critical asset in managing complex enterprise resource planning systems.

Duration	8 Hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Planning and Prerequisites for Business Central On-Premises

- Understanding Business Central On-Premises Architecture
- Hardware and Software Requirements (Windows Server, SQL Server)
- Network Considerations and Firewall Configuration
- Licensing Models for On-Premises Deployments
- Planning for Database Sizing and Performance

02 Module 2: Installation of Microsoft Dynamics 365 Business Central

- Preparing SQL Server for Business Central
- Installing Business Central Server Components
- Deploying the Business Central Web Client
- Installing Development Environment Components (C/AL, AL Extensions)
- Configuring Multiple Business Central Instances

03 Module 3: Post-Installation Configuration and Security

- Managing Business Central Databases and Tenants
- User Authentication and Authorization (Windows, Azure AD, NavUserPassword)
- Setting up Permissions Sets and Security Roles
- Configuring Services and Endpoints
- Integrating with Office 365 and other Microsoft Services

04 Module 4: Customization, Extensions, and Integration Basics

- Understanding the AL Development Environment (Visual Studio Code)
- Deploying and Managing Extensions (.app files)
- Basic Integration with External Systems using APIs and Web Services
- Utilizing PowerShell for Administration and Automation
- Configuring Report Services and Data Exports

05 Module 5: Maintenance, Monitoring, and Troubleshooting

- Backup and Restore Strategies for Business Central Databases
- Monitoring Server Performance and Logs
- Troubleshooting Common Installation and Configuration Issues
- Applying Updates and Cumulative Updates (CUs)
- Performance Tuning Best Practices for On-Premises Environments

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Dynamics 365 Business Central On-Premises System Administrator**
- > **ERP Technical Deployment Specialist**
- > **Solutions Architect (focused on on-premises ERP infrastructure)**

FREQUENTLY ASKED QUESTIONS

Q: What are the recommended technical prerequisites for this Business Central On-Premises installation course?

This course is designed for IT professionals with a foundational understanding of Windows Server administration, SQL Server database management, and basic networking concepts. Prior exposure to ERP systems or Microsoft Dynamics products is beneficial but not strictly required, as the course will cover Business Central specifics from an administrative perspective.

Q: How will mastering on-premises installation skills differentiate me from professionals focused solely on cloud-based Business Central deployments?

While many organizations are moving to the cloud, a significant number still rely on on-premises or hybrid deployments due to specific regulatory requirements, existing infrastructure, or highly customized integrations. This course provides unique expertise in managing the full infrastructure stack, from hardware to database, making you indispensable for companies requiring granular control, specific security protocols, or complex legacy system integrations not feasible in a pure cloud environment.

Q: Does this course cover how to upgrade older Microsoft Dynamics NAV or Business Central versions to the latest on-premises release?

While the core principles of installation and configuration learned in this course are fundamental to understanding the upgrade process, this particular training focuses primarily on fresh installations, initial configurations, and ongoing management of Business Central On-Premises. Specific modules dedicated to complex migration or upgrade strategies from older NAV or BC versions are typically covered in a separate, specialized advanced course. However, the foundational knowledge gained here is crucial for anyone involved in upgrade projects.

ABOUT COMPUTER PRIDE



computerpride

East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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